

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("20060259894").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/12/01 13:06
S2	46921	effector	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/30 14:53
S3	23027	(evolution\$7 genetic) with (program\$4 algorithm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/30 14:54
S4	42	S2 same S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/30 14:54
S5	1320	dynamic with neur\$4 with network	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/01 16:27
S6	34339309	(@ad<"20030324" @pd<"20030324")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/30 14:55
S7	25	S4 and S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/30 14:57
S8	71	mutat\$4 with neur\$4 with network	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/30 14:59
S9	44	S6 and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/30 17:52

## EAST Search History

S10	1	("20060259894").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/12/01 13:07
S11	1	S10 and (static\$4 adj2 program\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/01 14:11
S12	0	S10 and ("at least partially")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/01 14:12
S13	1	S10 and ("least partially")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/01 14:12
S14	1320	dynamic with neur\$4 with network	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/01 16:27
S15	71	mutat\$4 with neur\$4 with network	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/01 16:27
S16	8	S14 and S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/01 16:27
S17	34339309	(@ad<"20030324" @pd<"20030324")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/01 16:27
S18	2	S16 and S17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/01 16:30

## EAST Search History

S19	382710	mutat\$4 evolv\$5 evolut\$8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/01 16:33
S20	866	S19 with cyclic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/01 16:33
S21	7299	S19 with (cycle or cyclic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/01 16:33
S22	16073	graph with (cycle or cyclic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/01 16:33
S23	100	S21 same S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/01 16:34
S25	15	("20040128004" "3950733" "4660166" "4962342" "5155802" "5325464" "5369731" "5422983" "5524175" "5524176" "5619618" "6049793" "6332137" "6751601" "6754645").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/12/01 16:34
S26	34340525	(@ad<"20030324" @pd<"20030324")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/04 11:54
S27	382766	mutat\$4 evolv\$5 evolut\$8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/04 11:54
S28	7299	S27 with (cycle or cyclic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/04 11:54


## EAST Search History

S29	16074	graph with (cycle or cyclic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/04 11:54
S30	100	S28 same S29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/04 11:54
S31	82	S30 and S26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/04 12:00
S32	15	("20040128004" "3950733" "4660166" "4962342" "5155802" "5325464" "5369731" "5422983" "5524175" "5524176" "5619618" "6049793" "6332137" "6751601" "6754645").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/12/04 11:59
S33	0	S31 and S32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/04 11:59
S34	70	S31 and (elements neur\$4 effectors process\$1rs)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/04 12:01
S35	26	S31 and (elements neur\$4 effectors)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/04 12:01
S36	1	S31 and (neur\$4 effectors)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/04 12:20
S37	2	"6049793".pn. and (input\$4 interpret\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/04 12:56

## EAST Search History

S38	1	"6049793".pn. and (program\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/04 12:57
S39	2	"6049793".pn. and output\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/04 13:01
S40	7	S32 and graph\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/04 13:02
S41	4	S32 and S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/04 13:02
S42	9	S40 S41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/04 13:02
S43	2	S40 and S41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/04 13:03
S44	4	S43 S41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/04 13:50
S45	1150	706/13,15,26-27,38-39.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/04 13:51
S46	0	S31 and S45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/04 13:51

## EAST Search History

S47	13	706/13.ccls. and 706/15,26-27,38-39.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/04 13:51
S48	10	S26 and S47	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/12/04 13:51
S49	51993	effector 	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/08/18 16:57
S50	655	effector with machine	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/08/18 16:57
S51	261	hardware same S49	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/08/18 16:57
S52	21	hardware same S50	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/08/18 17:02
S53	247	S51 and (fire firing meta static thresh\$2old design\$4 software)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/08/18 16:59
S54	220	S51 and (interpret\$6 translat\$4 graph module node connection amplitude "pulse width" conduction evolv\$6)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/08/18 17:00

## EAST Search History

S55	3	S51 and (sub\$1thresh\$2old)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/08/18 17:01
S56	129	S53 and S54 and (@pd<"20030324" @ad<"20030324")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/08/18 17:06
S57	18	S52 not S55	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/08/18 17:02
S58	123	S56 not (S55 S57)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/08/18 17:06

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evolving pulsed neural network
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Neural Network Capable of Universal Approximation
~evolve Pulsed Neural Network Universal Approximation
evolving "pulsed neural network" hardware
~evolve Pulsed Neural Network Universal Approximation +hardware
jgallagh@cs.wright.edu pulsed
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Google Scholar 7/3/2007 (-2003)
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evolvable vlsi (pulsed | spiked) "neural network"
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Google Scholar 8/16/2007 (-2003)
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module "neural network"
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